

01/07/02
JC971 U.S. PTO

Please type a plus sign (+) inside this box →

+

A

PTO/SB/05 (12/97)

Approved for use through 09/30/00, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR
1.53(b))

Attorney Docket No.	ITWO:0009	Total Pages	50
<i>First Named Inventor or Application Identifier</i>			
<i>James E. Doherty</i>			
Express Mail Label No.	EV 017 056 905 US		

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. Specification **Total Pages 24**
(preferred arrangement set forth below)
- Descriptive
 - Cross References to Related Application
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) *(35 USC 113)* **Total Sheets 6**
Total Pages 18
4. Oath or Declaration
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37CFR 1.63(d))

*(for continuation/divisional with Box 17 completed)
(Note Box 5 below)*

 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference *(useable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

ADDRESS TO:
Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

6. Microfiche Computer Program *(Appendix)*
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy *(identical to computer copy)*
 - c. Statement verifying identity of above copies
- ACCOMPANYING APPLICATION PARTS**
8. Assignment Papers *(cover sheet & document(s))*
9. 37 CFR 3.73(b) Statement Power of Attorney *(where there is an assignee)*
10. English Translation Document *(if applicable)*
11. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503)
14. Small Entity Statement filed in prior application Statement(s) Status still proper and desired
15. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. Other PTO-2038

17. Continuation Divisional Continuation-in-part (CIP) of prior application No: _____/_____

18. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	<input type="checkbox"/> Correspondence address below
(Insert Customer No. or Attach bar code label here)	

NAME	Patrick S. Yoder			
	Fletcher, Yoder & Van Someren			
ADDRESS	P.O. Box 692289			
CITY	Houston	STATE	Texas	ZIP CODE
COUNTRY	USA	TELEPHONE	(281) 970-4545	Fax
				(281) 970-4503

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**

		<i>Complete if Known</i>	
		Application Number	Unassigned
		Filing Date	Herewith
		First Named Inventor	James E. Doherty
		Group Art Unit	
		Examiner Name	
TOTAL AMOUNT OF PAYMENT	(\$) 1,398.00	Attorney Docket Number	ITWO:0009/YOD

METHOD OF PAYMENT (check one)				FEES CALCULATION (continued)																																																																																																																																																																																						
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number <u>06-1315/ITWO:0009/YOD</u> Deposit Account Name Fletcher, Yoder & Van Someren <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Entity Fee (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>—</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing or cover sheet.</td><td>—</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td>—</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td>—</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>—</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>—</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td>—</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for response within second month</td><td>—</td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for response within third month</td><td>—</td></tr> <tr><td>118</td><td>1,570</td><td>218</td><td>755</td><td>Extension for response within fourth month</td><td>—</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td>—</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td>—</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td>—</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>—</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td>—</td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive unintentionally abandoned application</td><td>—</td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td><td>—</td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td><td>—</td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td><td>—</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td>—</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td>—</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td>—</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td>—</td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td>—</td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td>—</td><td>—</td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td>—</td><td>—</td></tr> <tr> <td colspan="4"></td> <td>SUBTOTAL (3)</td> <td>(\$) 40.00</td> </tr> <tr> <td colspan="6" style="text-align: center;">* Reduced by Basic Filing Fee Paid</td> </tr> </tbody> </table>			Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	—	127	50	227	25	Surcharge - late provisional filing or cover sheet.	—	139	130	139	130	Non-English specification	—	147	2,520	147	2,520	For filing a request for reexamination	—	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	—	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	—	115	110	215	55	Extension for response within first month	—	116	400	216	200	Extension for response within second month	—	117	950	217	475	Extension for response within third month	—	118	1,570	218	755	Extension for response within fourth month	—	119	310	219	155	Notice of Appeal	—	120	310	220	155	Filing a brief in support of an appeal	—	121	270	221	135	Request for oral hearing	—	138	1,510	138	1,510	Petition to institute a public use proceeding	—	140	110	240	55	Petition to revive unavoidably abandoned application	—	141	1,320	241	660	Petition to revive unintentionally abandoned application	—	142	1,320	242	660	Utility issue fee (or reissue)	—	143	450	243	225	Design issue fee	—	144	670	244	335	Plant issue fee	—	122	130	122	130	Petitions to the Commissioner	—	123	50	123	50	Petitions related to provisional applications	—	126	240	126	240	Submission of Information Disclosure Stmt	—	581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00	146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	—	149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	—	Other fee (specify) _____				—	—	Other fee (specify) _____				—	—					SUBTOTAL (3)	(\$) 40.00	* Reduced by Basic Filing Fee Paid					
Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																					
105	130	205	65	Surcharge - late filing fee or oath	—																																																																																																																																																																																					
127	50	227	25	Surcharge - late provisional filing or cover sheet.	—																																																																																																																																																																																					
139	130	139	130	Non-English specification	—																																																																																																																																																																																					
147	2,520	147	2,520	For filing a request for reexamination	—																																																																																																																																																																																					
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	—																																																																																																																																																																																					
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	—																																																																																																																																																																																					
115	110	215	55	Extension for response within first month	—																																																																																																																																																																																					
116	400	216	200	Extension for response within second month	—																																																																																																																																																																																					
117	950	217	475	Extension for response within third month	—																																																																																																																																																																																					
118	1,570	218	755	Extension for response within fourth month	—																																																																																																																																																																																					
119	310	219	155	Notice of Appeal	—																																																																																																																																																																																					
120	310	220	155	Filing a brief in support of an appeal	—																																																																																																																																																																																					
121	270	221	135	Request for oral hearing	—																																																																																																																																																																																					
138	1,510	138	1,510	Petition to institute a public use proceeding	—																																																																																																																																																																																					
140	110	240	55	Petition to revive unavoidably abandoned application	—																																																																																																																																																																																					
141	1,320	241	660	Petition to revive unintentionally abandoned application	—																																																																																																																																																																																					
142	1,320	242	660	Utility issue fee (or reissue)	—																																																																																																																																																																																					
143	450	243	225	Design issue fee	—																																																																																																																																																																																					
144	670	244	335	Plant issue fee	—																																																																																																																																																																																					
122	130	122	130	Petitions to the Commissioner	—																																																																																																																																																																																					
123	50	123	50	Petitions related to provisional applications	—																																																																																																																																																																																					
126	240	126	240	Submission of Information Disclosure Stmt	—																																																																																																																																																																																					
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																																																					
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	—																																																																																																																																																																																					
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	—																																																																																																																																																																																					
Other fee (specify) _____				—	—																																																																																																																																																																																					
Other fee (specify) _____				—	—																																																																																																																																																																																					
				SUBTOTAL (3)	(\$) 40.00																																																																																																																																																																																					
* Reduced by Basic Filing Fee Paid																																																																																																																																																																																										
SUBMITTED BY				Complete (if applicable)																																																																																																																																																																																						
Typed or Printed Name	Ralph A. Graham			Reg. Number	47,607																																																																																																																																																																																					
Signature				Date	January 7, 2002	Deposit Acct. User ID (12994)																																																																																																																																																																																				